

**A Project funded by the U.S. Agency for International Development
Contract No. 263-0264-G-00-7020-00**

SECOND QUARTER REPORT

April - June 2003

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Acronyms

ACC	AgLink Coordination Committee
AI	Artificial Insemination
ARC	Agriculture Research Center
AHRI	Animal Health Research Institute
APRI	Animal Production Research Institute
BoD	Board of Directors
BVDA	Beef & Veal Development Association
CDA	Community Development Association
DPDA	Dairy Processors Development Association
DPM	Deputy Prime Minister
DVS	Department of Veterinary Services
EMFTA	Egyptian Meat & Farm Technology
FMMPDA	Fayoum Meat & Milk Producers' Development Association
FTC	Food Technology Center
GVSO	Veterinarian Services Organization
IIE	International Institute for Education
LEA	Livestock Extension Agent
LEC	Livestock Extension Council
MAWDA	Minya Animal Wealth Development Association
MOALR	Ministry of Agriculture & Land Reclamation
MOSA	Ministry of Social Affairs
NGO-SC	Non-Governmental Organizations Services Center
NRC	National Research Council
PBDAC	Principal Bank for Development and Agricultural Credit
PRA	Participatory Rapid Appraisal
SDTU	Sakha Dairy Training Unit
STTA	Short-Term Technical Assistance

EXECUTIVE SUMMARY

AgLink continues to make consistent progress stimulating economic growth and institutionalizing project activities to ensure sustainability.

Achievements for the Second Quarter of 2003 include:

SMALLHOLDER COMPONENT

□ **LEAD ROLE in Extension Service: LEAs:**

Livestock Extension Agents (LEAs) have now taken the lead in implementing their own activities with the smallholders. Most LEAs are now fully capable of carrying out their duties as extension agents -- effectively serving their smallholder clientele. This is evident from their accomplishments this quarter.

- LEAs **conducted** 94% (374 of 396) of all activities (seminars, farm excursions and villages meetings) directly serving 4347 smallholder farmers.
 - 91% of direct 40 (40 of 44) direct training sessions in *Nutrition, Calf Raising, Milk Processing, Silage Making, & Farm Management* in which **610 smallholders were trained**.
 - Other activities: Video presentations 20 (100%), farm excursions 11 out of 17 (65%), Subjects discussion meeting at village level 299 out of 301 (99%)
- LEAs **facilitated** 50% (8 of 16) third-party conducted activities including trainings, seminars and veterinary campaigns serving 2,669 smallholders.
- Each LEA works individually with a group of 10 to 15 farmers. LEAs also work as a team when conducting seminars at the village level.
- *Client Satisfaction* – Approximately 86.8% of LEA recommendations have been applied or are in the process of implementation. Smallholders have experienced significant positive results.
- Continued LEA Technical Training: LEAs continue to receive technical training. Emphasis is provided on demonstrations and practical application, thereby further improving their capacity to deliver quality interventions to smallholders. This quarter LEAs participated in various training activities including *Feed Improvement, Nutrition, Calf Raising, Animal Health Care, Hoof Trimming, Proper Milk Handling, Artificial Insemination, Orientation on Loan Products, and Communication Skills (Report Writing and Project Management) and Project Cycle*

□ **STEPS TO SUSTAINABILITY – AgLink in ADVISORY ROLE:** AgLink's role has shifted from that of a direct implementor to that of an advisor/mentor. The AgLink staff continues to meet with the LEAs to review progress and provide guidance on upcoming work plans for smallholder activities. They also continue to provide coordination and guidance on some third-party activities. AgLink staff members attend most LEA-conducted activities to observe and provide guidance as necessary.. *However, the LEAs are now functioning independently rather than on behalf of AgLink.*

AgLink is further promoting sustainability through the following activities:

- *Collaboration with Local Partners* : Complementary collaborations and linkages with other entities -- for example CEOSS and Italian Cooperation -- will ensure sustainability of AgLink activities in the future
- *Veterinary Training* : To ensure quality vet services at the village level, with the eventual phase-out of national veterinary campaigns, AgLink now conducts intensive training programs for local vets to update skills and introduce new technologies and specialized procedures.
- *Local Veterinary Campaigns* : AgLink is coordinating additional vet services for AgLink smallholder clients in collaboration with the Alexandria Department of Veterinary Services (DVS). Similar to the national campaign, local vets treat clients' animals and then conduct an ad hoc seminar for farmers in the community. The farmers are requesting DVS to continue this program in the future. The same model was applied successfully in AgLink's Assuit Vet Campaign.
- *Pilot Training Programs* : AgLink continues to implement pilot programs to achieve objectives of *increased income, improved product (quality and production), employment generation, and sustainability*.
- The *Sakha Dairy Institute (Sakha) Training Program* is another example of where AgLink is fostering awareness and technical capability through seminars and practical training and eventually sustainability. The LEAs are now capable of facilitating this type of training for farmers' groups. They have established excellent rapport with Sakha trainers

□ Expanded participation in LEA-facilitated trainings: 4,347 (clients and non-clients) smallholders participated in various training activities facilitated by LEAs. should also be a subpoint under "Lead Role In Extension Services: LEAs" above

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- *Sakha Training Program* -- 188 smallholders from Minya, Mansoura and Alexandria attended *fine-tuning*–training sessions focusing on nutrition, health and farm management and milking procedures . Farmers were also instructed on the proper method for selecting / buying animals , specifically bulls. Farmers now fully realize the benefit of a quality bull. Through Sakha's assistance farmers will identify reputable animal traders in their vicinity in addition to high genetic bulls from Sakha.
 - AgLink also conducted awareness campaigns in *Hoof Trimming* and *Veterinary Services*.
- Veterinary Campaigns : In collaboration with the Government Organization for Veterinarian Services (GOVS) and a pharmaceutical company (ADWIA), AgLink conducted six veterinary campaigns in Alexandria, Mansoura and Assuit (Through Minya office), reaching 2,669 smallholders (899 AgLink clients and 1,770 non-clients). Veterinary services included diagnosis and treatment of 6,963 animals.

COMMERCIAL CLIENT COMPONENT

- AgLink conducted *four training and consultation activities* for 249 commercial clients (AgLink clients and non-clients).
- Three experts (two U.S. consultants and one local consultant) provided technical assistance to 49 beef and dairy AgLink commercial clients in management and nutrition.
 - To date, approximately 78% of (1936 of 2489 recommendations have been applied with significant and visible results.

<p style="text-align: center;">Zou El Noun Beef Farm</p> <p>IMPACT: Properly managed farm</p> <ul style="list-style-type: none"> • Efficient & bottom line approach • Open System • Increase herd by 100% (61 to 120) • Reduce expense by 303% (from LE3.28 per animal to LE 1.08 per animal) • Keeps records • Daily gain increase from .959 kg to 1.15 kg <p style="text-align: center;">AgLink Veterinary Campaigns - Inception to Date -</p> <ul style="list-style-type: none"> □ 8,392 smallholders benefit □ 20,433 animals treated □ 98 villages covering 3 governorates □ 98 local vets benefit from practical / on-the-job training <p>MAJOR IMPACT: INCREASED FERTILITY RATE</p>

ASSOCIATION DEVELOPMENT COMPONENT

- AgLink conducted three training sessions for association board members in the areas of *Financial Records* and *Financial Management*. In collaboration with AgLink, the associations conducted, five technical training sessions and seminars – *Internal & External Parasites Control*, *Malnutrition Diseases*, *Planting the Corn for Silage making*, *Artificial insemination*, *Beef Animals Nutrition* were conducted for 170 association members. (BVDA , FMMPDA and MAWADA Associations)

Highlights and outcomes of the training sessions and other activities include:

- **Registration:** Two associations (*Fayoum Meat & Milk Producers Development Association (FMMPDA)* (formerly known as *MAWDA*) and the *Minya Animal Wealth Development Association (MAWDA)*) are now formally registered with the Ministry of Social Affairs (MOSA). (*FMMPDA* registration number is 433/2003 in February 2003 and *MAWADA* registration number is 1331/2003 in April 2003)
- **Agrena 2003:** The Dairy Processing & Development Association (*DPDA*), *Buffalo and Veal Development Association (BVDA)*, *Fayoum Meat & Milk Producers Development Association (FMMPDA)* and *Minya Animal Wealth Development Association (MAWDA)* in collaboration with AgLink participated in the annual exhibition "**Agrena 2003**". The results are: 17 new members joined BVDA, DPDA sold products equal LE 6,515 and had negotiation with Saudi company for a contract to export hard cheese, both FMMPDA and MAWADA distributed their promotion materials containing their activities and services to over 200 visitors.
- **New Funding Possibilities:** DPDA had communication with the "Industry Modernization Center- IMC" in Mansoura to find out funding conditions at the IMC. They received a floppy disk including the conditions and the forms needs to be filled by Associations.

AGLINK RELATIONS WITH COUNTERPARTS

- *Livestock Extension Council (LEC)* – Meetings conducted at both the governorate and district levels resulted in further facilitation of AgLink activities. The Minya LEC had positive action to improve smallholder groups accessibility for feed (wheat bran).
- *Livestock Collaboration with Local Partners* – AgLink is pursuing potential partnerships with several local organizations (CEOSS, Italian Cooperation) to carry out smallholder activities. Two meetings were conducted to find out the way of collaboration with AgLink and the two entities to help smallholders' activities funding.

STAFF DEVELOPMENT

- The AgLink Training Specialist based in Mansoura attended three weeks training on "Training of Trainers –TOT" at the NGO Services Center – (NGO-SC) in Cairo. He was nominated by the NGO-SC to complete and advances course on TOT in Lebanon sponsored by the International Institute for Education (IIE) in Egypt.

PROJECT OVERVIEW

Goals and Strategies

AgLink's goal for the two-year extension period is to continue to stimulate economic growth and to institutionalize project activities to ensure sustainability. AgLink's focus within the livestock industry is dairy/meat production, dairy/meat processing and feed/farm supplies. AgLink is continuing to work directly with commercial livestock clients, while extending its services to non-commercial smallholder clients, utilizing a holistic approach and integrating several forms of technical assistance. Interventions address the entire commodity chain, from production to processing and marketing. In addition, technical assistance is extended to local organizations and beneficiaries to empower them with means to continue working with the newly introduced improvements

These goals are to be accomplished by:

- ? Increasing quality control and standardization for producers and processors.
- ? Strengthening/establishing industry associations across the supply and production chain.
- ? Increasing participation in public policy formulation.
- ? Facilitating new trade relationships for input supplies and machinery.
- ? Increasing domestic employment opportunities.
- ? Strengthening/establishing local institutions to ensure sustainability.
- ? Enhancing skills of local government entities.
- ? Improving livestock markets.
- ? Facilitating agriculture loans.
- ? Instilling business/market oriented principles.

Sector-Based Approach

AgLink targets the livestock industry and related sub-sectors to accomplish project goals. Agribusiness firms, commercial farms, and smallholder farmers are selected from each sector to receive direct technical support through the project. In order to reach the widest possible audience, AgLink bases client selection partially on the client's ability and willingness to share the transferred technology and expertise provided by the project. The key components of the project are as follows:

- ☐ Technology Transfer
 - o *Commercial Client Base* (targeting small, medium and large commercial farms)
 - o *Smallholder Client Base* (targeting farmers with less than six head of cattle and/or buffalo)
- ☐ Association Development
- ☐ Trade Development
- ☐ Sustainability

TECHNOLOGY TRANSFER

The objective of the *technology transfer* component is to enable dairy and beef farmers and processors to access and utilize new products, technologies and management practices with the potential to increase meat and dairy production, efficiencies and product quality.

Commercial Client Base

The AgLink project provides technical assistance to small, medium, and large commercial dairy/beef producers and processors in both Upper Egypt and the Delta region. The following impact indicators demonstrate success:

- ☐ Number of new technologies and practices adopted.
- ☐ Increase in client production
- ☐ Decrease in client costs of production.
- ☐ Increase in client revenues
- ☐ Increase in employment.

Client Selection

Core clients are selected in each sub-sector to receive one year of technical assistance. Client selection is based on three primary criteria:

1. The potential for impact.
2. The willingness and ability of the client to absorb new technologies and practices.
3. The willingness of the client to share new technologies and practices with the industry, the farming community and with associations.

Multiple Interventions

Activities and strategies designed to help clients attain the objectives of the project include:

- ☐ Short-Term Technical Assistance (STTA) and consultations.
- ☐ Seminars and farmers' meetings.
- ☐ Farm excursions.
- ☐ Third-party training activities in conjunction with research institutes and other entities.
- ☐ Association building and business development.

Short-Term Technical Assistance (STTA)

AgLink's clients benefit from the combined technical assistance provided by highly skilled and experienced U.S. and local experts as well as project staff, who have been trained by these experts over the course of the project. Areas of technical expertise include dairy herd and feedlot nutrition, health care, farm management, and association development.

Seminars and Farmers' Meetings

Seminars and farmers' meetings are routinely coordinated in conjunction with the STTA assignments of U.S. and local consultants, as well as AgLink staff members. These meetings expose clients to a wider range of technologies and practices, allowing for greater outreach and impact.

Other interventions include **video presentations** on various topics at farm sites or AgLink field offices. In addition, **farm excursions** involve client farms with demonstrated strengths in specific areas of beef or dairy management. AgLink brings less advanced farmers to visit model farms. Participants benefit from direct exposure to new technologies and practices in the field, from mentoring by more experienced farmers, and from the power of seeing alternative (non-traditional) practices and technologies in use.

Third-Party Conducted Training

AgLink organizes and sponsors third-party-conducted training in collaboration with the Ministry of Agriculture and Land Reclamation (MOALR), specifically the Reproduction Institute and the Animal Production Institute, with participation of U.S. and local experts.

Smallholder Client Base – Pilot Component

The objective of this component is to increase revenue of smallholder clients (farmers with less than six head of cattle and/or buffalo) in Upper Egypt (Minya) and the Delta region (Alexandria and Mansoura). This objective is achieved by empowering smallholder farmers to be self-sufficient and engaged in the greater economy. The main challenge for this component during the two-year phase is to test and develop sustainable interventions for smallholders that can be implemented through MOALR extension staff and through informal and formal associations. *Attitudinal change* is a key factor to sustainability in the long run and one of the starting points of AgLink interventions. Change in attitude can be ascertained through efforts (accomplishments of small implementation steps) made by smallholders to improve their *overall* operation. AgLink identifies and introduces a series of basic technologies (**animal nutrition and health**). In order to have a high economic impact on smallholder farmers, the technologies are simple to grasp, as well as easy and inexpensive to adopt. In addition, the project emphasizes effective or proper **farm management** through simple business/marketing skills training and introduction of a *simple record keeping and management tool*. While basic technologies in animal nutrition and health lead to significant impact initially, proper management of the smallholder farmer's overall operation ensures sustainable growth and viability in the future.

Unlike commercial clients that use U.S. and local short-term experts, AgLink interventions for smallholder clients are facilitated through the MOALR extension agents. The methodology employed so successfully by AgLink with commercial farms cannot be replicated with smallholders due to the size of the target group. Working with MOALR extension agents, however, ensures that technical assistance does reach the target group, and that this service will be institutionalized and therefore can be replicated to serve more smallholder farmers in the future.

The project encourages *small group formation* among farmers, a structure which allows smallholders to overcome many of their constraints through strength in numbers. Adhering to association development principles, this small-group formation will eventually lead to the formation of an association for smallholder farmers. AgLink draws on its long experience with its Association Development component for its work with smallholder clients. In addition, the project is working on facilitating loans to smallholders, addressing that fact that credit is one of the main impeding factors to the implementation of technical recommendations.

The following indicators are used to monitor impact for the smallholder component:

- ☐ Increased Production
- ☐ Increased Income
- ☐ Loans Issued to smallholders
- ☐ Small Group Formation
- ☐ Institutionalization of AgLink Services

Livestock Extension Agents/Smallholder Client Selection

The heart of AgLink's strategy to reach smallholders is training of livestock extension agents (LEAs.) AgLink training enables extension staff to provide technical assistance to smallholder farmers on a regular basis, and thereby institutionalizes AgLink technology within the MOALR. Moreover, Livestock Extension Councils (LECs), composed of senior public and private livestock stakeholders, established at the governorate and district levels, play a crucial role in developing the criteria for the selection of smallholder clients. LEAs identify ten clients based on LEC's criteria, and work directly with each smallholder client. AgLink staff, in collaboration with LEC, provide follow-up and supervise/mentor the LEAs as a means to continue on-the-job training and to ensure quality interventions are being delivered to the smallholders.

Multiple Interventions

Upon selection of smallholder clients, LEAs conduct farmer meetings to establish small farmer groups and to assess and prioritize their needs. These small farmer groups provide a forum for technological information to be shared and diffused among smallholders. In these forums, smallholders receive technical assistance from LEAs, AgLink staff, and technical specialists?), which helps them to increase the level and improve the quality of production, allowing them to increase income and expand employment. LEAs provide ongoing *one-on-one consultations* with their smallholder clients, *monitor their progress* as well as *impact* against baseline indicators and discuss next steps.

The activities and strategies designed to help smallholder clients achieve AgLink objectives include:

- ☐ Short-Term Technical Assistance (STTA) and consultations.
- ☐ Seminars and farmer meetings.
- ☐ Farm excursions.
- ☐ Third-party training activities in conjunction with research institutes and other entities.
- ☐ Association building and business development.

The methodology and approach for the above interventions are similar to those stated under commercial clients. These interventions are scaled-down to the smallholder level to address their basic economic needs and scale of operations.

Agricultural Credit

AgLink will initiate and facilitate the establishment of a pilot micro/small loan activity for smallholder clients in conjunction with the Principal Bank for Development and Agricultural Credit (PBDAC) and in collaboration with MOALR extension agents. With access to credit, smallholder dairy and beef farmers and processors can obtain financing for the adoption of AgLink-recommended technologies. This credit will be financed through ongoing PBDAC loan programs. Activities to facilitate smallholder clients' access to credit include:

- ☐ Training and Awareness for smallholder clients:
 - Orientation meetings with PBDAC loan officers
 - Feasibility Study
 - Loan Management

ASSOCIATION DEVELOPMENT

Association development is crucial to AgLink's sustainability strategy. Associations help to form the foundation for maintaining international and domestic trade linkages for the future of agribusiness. The primary objective of this component is to empower livestock sector associations to advocate on behalf of their members and to ensure that associations remain inclusive and representative of constituency needs. AgLink helps to build the capacity of associations to deliver the support services necessary to ensure the sustainability of these associations within the livestock industry.

AgLink is assisting six associations with direct technical assistance in capacity building, advocacy and technical services. Sustainability is promoted as associations begin to embrace their role as industry advocates and providers

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of technical assistance. This project component also empowers members to be active participants in decision-making within their sector, thereby increasing the strength and influence of the associations.

The following impact indicators demonstrate success for the association development component:

- ☐ Capacity Building
 - *Activities Conducted by Board of Directors*
- ☐ Membership Development
- ☐ Services Provided to Members:
 - *Technical assistance – training, seminars, workshops*
 - *Networking – identifying markets for members' goods and services*
 - *Advocacy – members' rights and interests*
 - *Information management – updated library and database on sector technical information and manuals, key stakeholders contact information, experts and market information.*

TRADE DEVELOPMENT

U.S. and Egypt Exchanges

Exchanges between the United States and Egypt form both cultural and economic bonds and facilitate networking activities to ensure sustainable technology transfer, access to information and training, and trade partnerships. AgLink will facilitate trade tours to the U.S. for clients interested in establishing business partnerships, upgrading equipment and enhancing their knowledge in the sector.

Domestic Linkages

AgLink provides opportunities to form domestic linkages for the development of Egyptian agribusiness. These linkages support producers in standardizing production as well as increasing the quality and quantity of meat and dairy inputs. This networking activity facilitates the formation of trade linkages and the sharing of new technologies and practices which promote sustainability in the future.

OUTCOME OF AgLink ACTIVITIES: SUSTAINABILITY

To achieve a continuation of the improvements being made and to perpetuate the best practices implemented, the skills and techniques will be transferred to local organizations and the beneficiaries to build their capacity to continue working with newly introduced improved technologies after the life of the project. Starting in 1999, AgLink increased its reliance on local experts with excellent results, and has considerably decreased the use of U.S. experts. The project has also invested significant resources to develop its staff into a team of highly qualified junior consultants with the capacity to advise on most on-farm technical issues and problems encountered by our clients. Field Officers and staff continue to provide valuable technical information for technology transfer to clients.

AgLink will continue to facilitate this process of transferring skills and techniques to individuals and local organizations in three ways:

1. Training individual farmers to make informed business decisions (based on new knowledge and access to information) that positively impact their overall operation.
2. Institutionalizing livestock industry technical expertise within the MOALR through extension agents and ensuring appropriate implementation by the LEC.
3. Establishing new and strengthening existing local organizations, especially associations, that provide services and technical assistance, advocate members' interests and rights, and identify markets for beneficiaries/members goods and services.

The essence of sustainability is in the overall management of an operation, but is only evident after the operational management ends. AgLink's approach is to inculcate sound business/market oriented principles to both individual farmers and local organizations, so that these skills will live on and be further disseminated and fostered after the project ends. The business oriented approach will ensure that both individual farmers and local organizations are well-equipped to better manage their operation and continue to offer quality products and services to their clients, members, non-members and their community, who in turn will demand better products and services, leading to a cycle of increased productivity.

Monitoring and Evaluation (M&E) Process

The AgLink M&E system is a flexible management tool that accommodates new targets and impact indicators and provides detailed and customized reports. This system centers on recording each of the recommendations made to clients. It then tracks each recommendation for implementation. Based on implementation, the system measures all changes and evaluates the impact achieved by clients compared with baseline data. AgLink recognizes the importance and value of monitoring project progress. Therefore, it invests valuable time and resources to train

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field officers in appropriate techniques for collecting meaningful data and tracking and analyzing impact indicators on a monthly basis. This training enables AgLink staff to better manage the project and modify implementation as necessary based on lessons learned.

SECOND QUARTER ACTIVITIES

TECHNOLOGY TRANSFER

Smallholder Client Base – Pilot Phase

During this quarter, AgLink field staff facilitated several types of training activities for LEAs to further strengthen their technical capabilities and extension skills to enable them to deliver quality interventions (see next section) to their smallholder clients. AgLink also carried out various seminars and training activities for smallholder clients over 94% of which were facilitated or conducted by LEAs. This is indicative of LEAs capabilities and confidence in their improved extension skills and willingness for advance. In addition, both AgLink staff and local consultants conducted training sessions and other activities.

Livestock Extension Agents (LEAs) Training Activities* :

AgLink implemented the following training activities this quarter:

Second Quarter Training Activities – cumulative since project inception of extension period:

LEA ACTIVITES	As of March 31, 2002	April	May	June	TOTAL
Seminars / Forums / Farmers Meetings	23	1	-	-	24
Staff Conducted Video Presentations	2	-	-	-	2
Farm Excursions/Exchange	4	-	-	-	4
Third Party Training	43	3	4	-	50
AgLink Staff Conducted Training	23	3	1	-	27
TOTAL LEA PARTICIPANTS (Total Training Days)	2,333	173	145	-	2,651

LEAs continue to receive follow-up training in both technical and extension skills to enable them to better carry out their services to smallholder clients. This quarter the LEAs participated in *farm excursions, campaigns, training courses, video presentation* and *seminars* in *Feed Improvement, Nutrition, Calf Raising, Animal Health Care: (Respiratory Diseases, External and Internal Parasite, Mastitis), Hoof Trimming, and Management*.

LEA's – Lead Role in Extension Services:

Most (approx. 75 %) LEAs are now capable of conducting training sessions, seminars, organizing events, and ensuring high participation of the target group. Tracking the LEAs activities with smallholders in this quarter showed an increase in the role of LEAs (see text boxes).

This quarter, approximately 3620 smallholders (includes non-clients) benefited from 374 activities facilitated by LEAs (*11 farm excursion, 299 village meetings, 44 training sessions and 20 video presentation events*). This represents 94% of all activities for smallholders that were conducted by LEAs of which 40 (or 88%) were direct training events. LEAs now conduct training sessions in *Animal Nutrition, Calf Raising, Artificial insemination, Corn Silage Preparation, and Farm Management* to their smallholder groups.

LEA's are effectively carrying out their extension duties with confidence in their areas. They work individually with their select group of 10 to 15 smallholders on a regular basis. The LEAs also work as a team with other LEAs and conduct joint seminars/activities at the village level. Their relationship with the smallholders has evolved to that of a mentor, client and friend.

IMPACT: The overall impact of AgLink interventions with LEA has led to improved quality of services they are providing to their communities (75% of LEAs). Some of LEAs started to implement a private firm for services providing to small holders.

For example, Ms. Fatma Helal and Ms Aida Mostafa, LEAs in Alex (Maamoura District), established a new center to serve smallholder in Kardon village. They are providing technical services in the field of livestock

AgLink LEA Extension Services 2nd Quarter, 2003

LEA SERVICES:

- o Conducted **94%** (374 of 396) activities serving **4347** smallholders
 - ⇒ **44** LEA direct training sessions in: *Nutrition, Calf Raising, Processing, Silage Making, Farm Management, etc.*
 - ⇒ **443** smallholders trained by LEAs
 - ⇒ **31** Other activities including: *Video Presentations and Farm Excursions*
- o Facilitated **50%** (8 of 16) 3rd party conducted activities including:
 - ⇒ *Trainings, Seminars, and Veterinary Campaigns*
- o Promote informal groups for *Collective Action*.

* Please refer to Annex One – Smallholder Component: Training Activities – for details of each training activity.

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feeding ingredients, additives, vitamins, yeast and some medicines. They invested LE 2000 in buying a scales and going to spend additional LE 3000 for buying a mixer for ingredients and supplies.

SUSTAINABILITY: AgLink Staff in Advisory Role

During this reporting period, AgLink's role has shifted to that of an advisor. The AgLink staff continues to meet with the LEAs to review progress to date and provide guidance on upcoming work plans for smallholder activities. The project assists with materials required to carry out the activities and coordination of select activities. However, the LEAs now take the lead in implementing their own activities. AgLink staff members attend most LEA-conducted activities to observe and provide guidance as necessary but no longer conduct these activities themselves.

Follow-up Training Activities:

AgLink will continue to provide additional training in relevant technical areas thereby further strengthening their capacity to deliver quality interventions to the smallholders. AgLink field officers continue to follow-up on a regular basis with a random sample of smallholder clients to ensure that the LEAs are effective in their services to the smallholders. While the smallholders effectively apply recommendations, they still need guidance and support from the LEAs in implementing some recommendations. Approximately 86.41% of the recommendations provided to the smallholders by LEAs have been applied (13199 recommendations). Because of these visits, the field officers are better able to monitor the LEAs performance and provide appropriate guidance on extension services.

Smallholder Clients Training Activities

Training activities for smallholder clients include farmer meetings, seminars, farm excursions, practical training and campaigns (hoof trimming and veterinary) facilitated/conducted primarily by the LEAs as well as AgLink staff and local consultants.

Second Quarter Training Activities – cumulative since inception of extension phase

SMALLHOLDER ACTIVITIES	As of March 2002	April	May	June	TOTAL
Seminars / Forums / Farmers Meetings	40	-	4	4	48
Staff Conducted Video Presentations	9	-	-	-	9
Veterinary Campaigns	8	2	2	-	12
Other Campaigns: Hoof Care, Local Vet Services	11	2	-	-	11
Farm Excursions/Exchange	4	-	15	2	21
Third Party Training	6	-	4	2	12
AgLink Staff Conducted Training	3	-	-	-	3
LEA Staff Conducted Training	33	15	4	25	77
TOTAL Smallholder PARTICIPANTS	9,419	2,825	2,831	1,360	16,435

Seminars and **video presentations** were conducted in *Calf Raising, Home Milk Processing, Nutrition, Hoof Trimming, Animal Health Care (Mastitis, Breeding Problems, and Respiratory Diseases), Artificial Insemination, Farm Management and Loan Product Awareness*. AgLink also conducted **awareness campaigns** in *Hoof Trimming and Veterinary Services*. Complements to the seminars and more effective technology transfer methods are farm excursions and practical training through demonstrations.

Farm excursions give farmers an opportunity to see an alternative and simple way of running an operation through the application of new technologies. These visits illustrate to clients the impact of applying new technologies based on the clients' needs, and therefore serves as an effective method of convincing clients that there are alternative approaches to their traditional practices by seeing for themselves the success of these alternatives. AgLink LEAs conducted 15 farm excursions to former AgLink client farms in Alexandria and Sakha Dairy Training Unite. The emphasis was to raise awareness on effective feeding, producing corn silage, key reproductive problems and solutions, hoof trimming and how to produce clean milk.

Demonstrations and **practical training** give farmers an opportunity to see how a new technique is applied. Newly exposed farmers receive an opportunity to try new techniques in the presence of the instructor. This activity provides an effective method of convincing clients that there are alternative productive and improved approaches.

Sakha Training Program: Practical Training and Demonstrations

During this quarter, AgLink has effectively utilized its methodology of practical training and demonstration through the Sakha Dairy Institute. The program is structured to achieve the following:

- *Technical Training:* The primary objective of the Sakha training program is to continuously update technical skills in animal nutrition, health care, and farm management. The Sakha training program consists of interactive classroom sessions in a select subject area followed by practical demonstration on one of their many demonstration sites. These demonstrations are carefully orchestrated to address practical issues faced by smallholders and give the participants an opportunity to practice the improved techniques themselves. This training was conducted by the Sakha training Staff.
- *Herd Improvement:* Smallholders will now have access to high quality genetic bulls (with documented genetic profile of each bull) which they can purchase directly from Sakha. In the long-term, this will improve the quality of their herd.
- *Institutional Linkages/Sustainability:* Other benefits of the Sakha program include smallholder direct access to Sakha's technical resources facilitated by LEAs. The LEAs with the guidance of AgLink staff now primarily facilitate this activity ensuring sustainability in the future to carryout this type of training. LEAs have established good relations with Sakha's trainers and now have direct and open communication for further technical consultation.

Smallholders continue to apply most of the simple recommendations provided by LEAs, Sakha program and AgLink Staff, particularly in the areas of calf raising and proper milk handling. To date, approximately 86.8% of recommendations provided by LEAs were applied or are in the process of being implemented. Further follow-up and guidance by LEAs is required to ensure appropriate and effective application of recommendations.

The status of smallholder client recommendations that have been monitored to date are as follows:

Inception to Date (as of June 30, 2003)		
Status of Monitored Recommendations	Total	%
1-Fully Implemented	9,597	63.04
2-Partially Implemented	1,062	6.98
3-On Progress	2,540	16.68
4-Not Implemented	2,020	13.27
5-Not Applicable	5	0.03
Monitored Recommendations	15,224	100%
6-Not Tracked Yet	51	
Total Recommendations	15,275	

During this quarter, the LEAs provided the smallholder with 4,590 recommendations that fit their technical needs. This number of recommendations brings the total recommendations given to smallholders to 15,275 recommendations (see the following table).

# Recommendations given to Smallholders - (Q2-2003)				
Office	April	May	June	Total
Alexandria	561	661	467	1689
Mansoura	451	444	470	1365
Minya	511	511	514	1536
Total	1,523	1,616	1,451	4,590

Outcome of Smallholder Training Activities

Sakha Dairy Institute Training Program: This quarter AgLink conducted four excursions and 6 training courses in Sakha for 198 participants (176 smallholders and 22 LEAs). The training program focused on nutrition (silage making), hoof trimming, farm management (housing) and health care (hygienic milk production and processing). As an added benefit, the farmers were instructed on the proper methods of buying quality animals (how to assess quality of an animal through observation) and were provided with linkages to reputable farmers to buy from in the future, expanding their selection choices from the bulls currently available at Sakha. The participants now fully realize the benefit and are eager to identify additional sources for quality bulls.

Eid Mohamed Ali (from El-Salam District, Khorshid district, Alex. Governorate), received training on artificial insemination (AI) and reproduction problems in Sakha Dairy Training Unit (SDTU). He was interested in improving his dairy animal's genetics. Because the AI is not available in his area, he bought a Holstein Bull from SDTU which cost him LE 2,250. He is planning to use the bull for his animals and other smallholders in his village.

In Mansoura, three smallholder farmers that were trained at Sakha Dairy Institute changed their animal's housing system from a closed to open system. They organized one stable yard for the three farmers' animals to be managed as one unit outside of the village housing blocks. They also added a new fattening herd lots as a new business venture. The participating farmers observed and recorded an increase in daily milk production (1 kg increase in buffalo milk/day and 2 kg/day for cow). The following table is showing the changes in their production profile:

Profile	Before AgLink (Baseline)	After working with AgLink	Changes (%)
# Family members working in Livestock business	6	7	17
# Milking Buffalo	9	12	33
# Milking Cows	6	8	33
# Fattening Buffalo (New Business)	0	10	
Avg. Buffalo Milk Production (Kg/Day/head)	9	10	11
Avg. Cows Milk Production (Kg/Day/head)	20	23	15

Veterinarian Campaigns[†]

The veterinary campaigns made a measurably positive impact on smallholders. Participants witnessed improvements in their animals' health and reproduction. AgLink conducted veterinary campaigns, facilitated by GOVS, in Alexandria, Mansoura and Assuit (through Minya office). 2,669 smallholders (899 AgLink clients and 1,770 non-clients) participated in the campaign bringing with them 6,963 animals for diagnosis and treatment. To date, 8,392 smallholders have benefited from these campaigns. 20,433 of their animals have been treated through these veterinary campaigns in the three regions (Minya, Mansoura and Alexandria).

AgLink Veterinary Campaigns - Inception to date -

- 8,392 smallholders benefit
- 20,433 animals treated
- 98 villages covering 4 governorates
- 98 local vets benefit from practical / on-the-job training

MAJOR IMPACT:
INCREASED FERTILITY RATE

Commercial Client Base

Training Activities

During this quarter, raining was delivered to commercial clients through a range of methodologies as follows:

Training Activities for **Commercial Clients** – Q2 and cumulative since project inception.

ACTIVITES [‡]	As of March 31, 2003	April	May	June	TOTAL
Short-term Technical Assistance	121	-	1	2	121
Seminars / Forums / Farmers Meetings	163	1	3	1	163
Staff Conducted Video Presentations	54	-	-	-	54
Farm Excursions/Exchange	49	-	-	2	49
Third Party Training	10	1	2	-	10
US-to-Egypt Firm Exchange	13	-	-	-	13
TOTAL PARTICIPANTS	9,022	81	187	90	9,380

Short-Term Technical Assistance (STTA)

This quarter AgLink engaged in three consultancy assignments (one local expert and two U.S. volunteer experts) in the areas of livestock nutrition and management for 49 dairy and beef clients in Alexandria, Mansoura and Minya. The consultants provided 275 recommendations to these clients bringing the total to 2,626 recommendations for the extension phase of the project.

[†] Please refer to Annex One – *Smallholder Component: Veterinary Campaign* – for details of this activity.

[‡] Please refer to Annex One – *Commercial Clients: Training Activities* – for details of each training activity.

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Other Interventions

AgLink conducted diversity of technical events, four seminars, two farm excursion and three training events in Alexandria, Mansoura and Minya regions. These events were focusing on Reproduction Problems, Mastitis Prevention & Metabolic Disorders, Raising health calves and Beef Animals Nutrition. The participants of these events were 249 AgLink clients.

AgLink field officers continue to follow-up on clients' progress. In general, they find that approximately 77% of recommendations are applied or are in the process of being implemented. The overall impact of the applied recommendations is significant and visible in terms of efficiency (quality and quantity) improved, management style and infrastructure. The status of the recommendations that have been monitored to date is as follows:

In addition to the cumulative level of adoption of AgLink recommendations, AgLink's impact is also illustrated by success stories such as the following:

Success Story - Zou El Noun Farm: Prior to AgLink intervention, this farm was a closed system with 61 heads of animals. The average daily gain per animal was .95kg. The farm's average monthly expense was LE 200. Since AgLink interventions, Mr. Hesham Zou El Noun has implemented most of the recommendations addressing key issues such as housing, management and nutrition. Today, after investing approximately LE 34,000, his farm is an open system with 120 heads of animals. The animals are no longer tied and have constant access to feed and water. Mr. El Noun converted his farm to an open system with modern facilities such as shading. Mr. El Noun has also changed the management of his farm, adopting more efficient practices. Mr. El Noun now keeps records of the farm's overall activities from expenses to general information on each animal. The overall impact of all the interventions (proper management, housing, nutrition, etc.). (see text).

The future of Mr. El Noun's farm is bright if he continues on this path. He commented that he plans to buy a computer in 2 years to manage his farm. He is currently trying to form an association in his community and is very active in disseminating new technologies to his neighbors.

Inception to Date (as of June 30, 2003)		
Status of Monitored Recommendations	Total	%
Fully Implemented	1,448	58.2
Partially Implemented	259	10.4
In Progress	229	9.2
Not Implemented	532	21.4
Not Applicable	21	0.8
Monitored Recommendations	2,039	100%
Recommendations not yet tracked	137	
Total Recommendations	2,489	

founded by former and current AgLink clients who recognized the value and need for such an organization and provided leadership and strategic vision. During this quarter, several activities were carried out to further strengthen existing associations, to facilitate the start-up of the new small and medium-size farmer associations in Upper Egypt and provide technical assistance for association members.

	monthly expenses	# of animals	cost per animal
Before AgLink	200	61	3.28
Today	130	120	1.08
% change	35	227	67

ASSOCIATION DEVELOPMENT

To date, six livestock sector associations (100% of the project's target) were established with AgLink support. These nascent associations were

Zou El Noun Beef Farm

IMPACT:

Properly managed farm

- Efficient & bottom line approach
- Open System
- Increase herd by 100% (61 to 120)
- Reduce expense by 303% (from LE3.28 per animal to LE 1.08 per animal)
- Keeps records
- Daily gain increase from .959 kg to 1.15 kg

ACDI/VOCA's AgLink Project
April – June 2003

Highlights of Second Quarter 2003's Activities:

- During April 2003, the **Fayoum Milk and Meat Development Producers Association (FMMPDA)** and **Minya Animal Wealth Development Association (MAWDA)** received an official letter from the Ministry of Social Affairs (MOSA) informing them the official registration of the two associations. FMMPDA Association registration numbers is 443/2003 and MAWDA Association registration numbers is 1331/2003.
- During April 2003 **Buffalo and Veal Development Association (BVDA)** in collaboration with AgLink and ADWIA Company conducted a seminar in Alexandria on "Internal & External Parasites Control", facilitated by Dr. Bahgat Edris and both Fayoum and Minya Association were invited to this event.
- During May 2003, Two associations (**Minya Animal Wealth Development Association (MAWDA)**) and the **Fayoum Milk and Meat Producers Development Association (FMMPDA)** conducted a farm excursion for 6 of the board members whom visited two farms owned by AgLink clients in Ismailia and Sharkeya governorates (Luci Farm and Abdel-Karim farm). The purpose of the visit was to get exposed to the farm management and the software application in feed formulation as well as veal nutrition.

Training - The following training activities were conducted during this quarter under AgLink's Association Development Component:

Second Quarter Training Activities – cumulative since project inception (extension phase):

ASSOCIATION DEVELOPMENT ACTIVITES [§]	As of March 2003	April	May	June	TOTAL
Short-Term Technical Assistance	3	-	-	-	3
Seminars / Forums / Farmers Meetings	4	3	2	-	9
Association Excursions/Exchange	4	-	-	1	5
Third Party Training	14	-	-	-	14
AgLink Staff Conducted Training	6	-	2	-	8
US/Local Consultant Conducted Training	7	-	-	-	7
TOTAL PARTICIPANTS	436	126	67	6	635

AGRENA EXHIBITION

AgLink associations and their members were active participants in the Annual Agrena Expo. AgLink played a crucial role in encouraging the associations (BVDA, DPDA, FMMPDA and MAWDA) to partake in the exhibition to further promote and expand the associations and improve marketability of members' products (white cheese and Ugurt). This was an opportune time for AgLink Associations – especially FMMPDA and MAWDA – to promote their association and recruit new members. AgLink managed two booths (indoor and outdoor) where each association displayed their brochures, member products and live animals (these brochures were designed and produced with AgLink assistance in

Business Linkages – Associations' participants gave positive feedback about their benefits from the Agrena Exhibition. They said it was an opportunity to network with industry specialists and market members' products. The participants were exposed to a variety of products as well as new equipment for their dairy processing firms. The Expo also provided the associations with an opportunity to promote themselves to visitors interested in the association's activities and services. Particular examples of positive results of this experience include:

- New members joined BVDA Association (17 members).
- BVDA appeared in Nile TV's Talk programs during the Agrena days. Also, in Al-Ahram El-Masai newspaper.
- The four Associations distributed over 300 pamphlets as promotion materials for their activities and services.
- DPDA is promising to have a contract with a wholesale company in Saudi Arabia for exporting hard cheese.

Agrena Business Linkages

- ⇒ DPDA association marketed 65% of the products they exhibited with approximately LE 6,515.
- ⇒ Other participants negotiated exporting hard cheese to Saudi Arabia.
- ⇒ BVDA association received 17 new members whom joined during this event
- ⇒ Fayoum and Minya Associations distributed over 200 pamphlets to promote their activities and services.

[§] Please refer to Annex One – Association Development Component – for details of this activity.

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- DPDA sold 531 kg out of 820 kg of products the exhibited (65%) during the exhibitions days (Equal to LE 6,515).

Mr. Gary Robbins/ USAID, Mr. Adly Ossman, Project Officer / USAID, Dr. Hussein Soliman /MOALR and Dr. Mamdouh Sharf El-Din/ MOALR attended the Expo and commented that there is an advance in the associations are represented this year and there is more diversity in products and services.

Other Training Activities

This quarter, AgLink facilitated a linkage between FMMPDA & MAWDA associations and the “Agriculture Led Export Project (ALEB). Two members from both FMMPDA and MAWDA associations were invited by ALEB to attend two days training on “*Financial Analysis for Food and Agribusiness Markets*” in Cairo. The training emphasized computerized systems and agribusiness applications. The participants found the training very useful for their current activities and for future business in the associations. The training was in Arabic but the materials were in English, and the participants requested the Arabic version of all training materials in order to provide all association staff access to the subject and its contents.

RELATIONS WITH COUNTERPARTS

The AgLink team continues to establish and strengthen relationships with key stakeholders, government officials, donors and the private sector. Highlights of various meetings are as follows:

- **Meetings with government officials** – Meetings were conducted with various government officials both at the governorate and district levels to address a range of issues, including updates on project activities, proposed training agenda for smallholders, veterinary campaigns in Assuit and Sohag, Mansoura and proposed training program for local veterinarians. For example:
 - AgLink staff met with the Director General of Veterinary Department in Assuit governorate to evaluate the Vet Campaign that was held in Assuit from May 31st till June 5th, 2003 and how AgLink can improve other campaigns in Assuit and other Governorates. It was also discussed how to use the Veterinary Department laboratories to produce simple medicines and creams to reduce the costs in coming campaigns.
 - A meeting between AgLink staff and the Director General of Veterinary Department in Fayoum was conducted to discuss the final arrangements for the Vet Campaign that will be held in Fayoum during the month of July regarding to responsibilities and needs for the Campaign.
 - AgLink Staff contacted the Chairman of the Central-Egypt's Grinding Company to facilitate the communication between the company and AgLink smallholders regarding the use of “Wheat-Bran” as one of main ingredients for animals feed. The meeting was positive and will result in smallholders getting better access to the company's products.
 - A meeting between AgLink Staff and the Veterinary Department. Director General in Fayoum was conducted to introduce him to the Board of the Fayoum association for advice and future coordination and getting feedback about other projects working in livestock development in Fayoum, such as the French project for Artificial insemination (AI).
- **Livestock Extension Council (LEC)**** – Meetings were held at both the governorate and district levels in each region to brief the council on achievements to date, review and discuss smallholder activities quarterly plans, and coordinate upcoming activities and events, specifically veterinary campaigns and veterinary training programs in all three regions. Also discussed were the LEAs training updates and how much they are improving in their performance with the smallholders. In Minya, the LEC discussed how the Agric. Dept. could provide help the new livestock association (MAWDA) to increase their membership and in getting their feeding supplies to improve their production. Also, in Minya the LEC discussed the smallholders' needs and accessibility for the “Wheat-Bran” and some action will be taken to make the “Wheat Bran” available for all smallholders in Minya.
- In Mansoura, the LEC's member Veterinary Directors authorized an additional contribution of medicine and supplies from the Department of Veterinary Services for future veterinary campaigns. This

** Livestock Extension Councils (LEC) is composed of senior public and private livestock stakeholders at the governorate and district levels and plays a crucial role in overseeing and facilitating smallholder project activities at both the district and governorate levels.

additional contribution now represents 65% of the total contribution of medicines/supplies of veterinary campaigns in Mansoura. Also the Mansoura LEC further increased the number of local vets that will participate in the veterinary campaigns because of the continued positive results. The Minya LEC facilitated access to 100 tons of wheat bran at a reduced cost of LE 585 per ton compared to market price of LE 700 for the smallholders. Feed prices continue to rise at a rapid rate. This linkage will ease the burden on the smallholders' pockets (a savings of LE115 or 16%) and it is hoped that such facilitation will continue in the future. These 100 tons of wheat bran will benefit approximately 100 smallholder farmers and serve approximately 1,670 animals for one month.

□ ***Collaboration with Local Partners*** –:

- A meeting was conducted with the “Italian Micro-finance Project” Manager in Minya to discuss future coordination to use their presence in several communities to provide? their funds to the Community Development Associations (CDAs) and pursue new funding opportunity for AgLink smallholders in these communities.
- AgLink staff and DPDA Association Chairman had a meeting in the Industries Union's “Industry Modernization Center- IMC” in Mansoura to assess funding criteria at the INC. They received a floppy disk including the criteria and the forms needs to be filled by Associations.
- AgLink staff conducted a meeting with CEEOS Organization representative in Minya and discussed with them their financial support for “Milk Collection Centers” pilot project in Minya and their recommendations in how they can help smallholders in the villages that AgLink is working in.

AgLink Staff Development^{††}

Training of Trainers

Ayman Helmy, AgLink Training Specialist in Mansoura office attended three weeks training (a week/Month) during April, May and June on “Training of Trainers concepts and approaches. The training was conducted by the NGO Service Center (NGO-CS) in Cairo. As he was showing an outstanding performance during the training course and he passed the semi-final exam, he was nominated by the NGO-CS to attend an advanced workshop on the same subject in Lebanon during the coming fall (2003).

^{††} Please refer to Annex One for details of each training activity.

THIRD QUARTER – 2003 PLANNED ACTIVITIES

Technology Transfer

- ☐ Complete one Local consultant assignments in the beef sector – nutrition and farm management.
- ☐ Conduct three Veterinarian Campaigns for smallholders in Sohag (Minya Office) and Alexandria
- ☐ Conduct two seminar on animal health care for smallholders and LEAs.
- ☐ The LEAs will receive training on the following subjects:
 - *Gender Concepts*
 - *Training of Trainers(TOT)*
 - *Effective leadership*
 - *Business Management for smallholders*
 - *Community Resources Mobilization*
 - *Vet First Aid.*
- ☐ Various training sessions and seminars for smallholders to be conducted by LEAs.
- ☐ Conduct Smallholder Impact Survey.

Association Development

- ☐ Organize and conduct workshop on *Sector Analysis* to be facilitated by AgLink Staff for four associations (BVDA, DPDA, FMMPA, MAWDA).
- ☐ Assist FMMPA and MAWDA in starting-up their activities now that they have finalized their registration process.
- ☐ Support and assist all associations in the planning process for next year (2003).

Staff Development

- ☐ Conduct Training-of-Trainers () training for Training Specialists.

ANNEX ONE – Second Quarter Training Activities

SMALLHOLDER COMPONENT – LEAs and Smallholder Clients

Livestock Extension Agents (LEAs) and Smallholders								
<i>Date</i>	<i># Days</i>	<i>Event</i>	<i>Target group</i>	<i>Topic</i>	<i>Facilitator</i>	<i>Location</i>	<i># Participants</i>	<i>Office</i>
08-Apr-03	2	Training	LEAs	Animal Health Care	AgLink Staff	Mansoura	24	Mansoura
13-Apr-03	2	Training	LEAs	Animal Reproduction Management	AgLink Staff	Mansoura	25	Mansoura
13-Apr-03	3	Seminar	LEAs	Mother's Care & calves Care	Animal Reproduction Research Institute (ARRI) Staff	Mansoura	13	Mansoura
14-Apr-03	4	Training	LEAs	Project Management & Project Cycle for Minya Ext. Agents	AgLink Staff	Minya	23	Minya
26-Apr-03	4	Training	LEAs	Effective Leadership Skills	Animal Reproduction Research Institute (ARRI) Staff	Mansoura	42	Mansoura
29-Apr-03	2	Training	LEAs	Mother's Care & calves Care	Animal Reproduction Research Institute (ARRI) Staff	Alexandria	23	Alex.
29-Apr-03	2	Training	LEAs	Milk Processing	Animal Reproduction Research Institute (ARRI) Staff	Alexandria	23	Alex.
04-May-03	2	Training	LEAs	Effective Leadership Skills	Animal Reproduction Research Institute (ARRI) Staff	Alexandria	25	Alex.
05-May-03	6	Training	LEAs	Animal Health Care (First Aid)	AgLink Staff	Mansoura	49	Mansoura
13-May-03	1	Training	LEAs	Nutritional Distribution of Karish Cheese and Methods of benefiting from its leftovers	Dr. Tarek Mostafa El-Nemr	Minya	12	Minya
02-Jun-03	4	Training	LEAs	Rectal Palpation	ARRI Staff	Minya	34	Minya
05-Apr-03	6	Training	SHs	Hoof Trimming	Sakha Dairy Training Unit	Sakha/ Kafr El-Sheikh	23	Minya
13-Apr-03	1	Seminar	SHs	Malnutrition Diseases in Cattle	Dr. Mohamed Ahmed Hegazy	Minya	52	Minya
03-May-03	3	Training	SHs	Hoof Trimming	Sakha Dairy Training Unit	Sakha/ Kafr El-Sheikh	9	Minya
14-May-03	2	Seminar	SHs	Nutritional Distribution of Karish Cheese and Methods of benefiting from its leftovers	Dr. Tarek Mostafa El-Nemr	Alexandria	115	Minya
15-May-03	3	Training	SHs	Animal Nutrition , Animal Health	Sakha Dairy Training Unit	Sakha/ Kafr El-Sheikh	10	Alex.
19-May-03	1	Seminar	SHs	Mastitis and Reproduction Care	Abdel-Basset El-Sarawy/ AgLink Staff	Mansoura	97	Mansoura
20-May-03	1	Farm Excursion	SHs	Calf Raising, AI, Nutrition and Using new technologies for improving Reproduction efficiency	Sakha Dairy Training Unit	Sakha/ Kafr El-Sheikh	15	Alex.
20-May-03	3	Training	SHs	Mastitis and Reproduction Care	Sakha Dairy Training Unit	Sakha/ Kafr El-Sheikh	10	Alex.
24-May-03	1	Farm Excursion	SHs	Nutrition & Housing	Sakha Dairy Training Unit	Sakha/ Kafr El-Sheikh	39	Alex.
29-May-03	1	Farm Excursion	SHs	How to produce clean milk	Sakha Dairy Training Unit	Sakha/ Kafr El-Sheikh	40	Alex.

Second Quarter Training Activities Continued...

Livestock Extension Agents (LEAs) and Smallholders - Continued								
<i>Date</i>	<i># Days</i>	<i>Event</i>	<i>Participants</i>	<i>Topic</i>	<i>Facilitator</i>	<i>Location</i>	<i># Participants</i>	<i>Office</i>
02-Jun-03	1	Seminar	SHs	Hoof Trimming	Abdel-Basset El-Sarawy/ AgLink Staff	Mansoura	27	Mansoura
08-Jun-03	1	Seminar	SHs	Calf Raising	Bayoumi Awad/AgLink Staff	Mansoura	23	Mansoura
14-Jun-03	1	Farm Excursion	SHs	Hoof Trimming	Sakha Dairy Training Unit	Sakha/ Kafr El-Sheikh	20	Alex.
14-Jun-03	1	Seminar	SHs	Project Management & Project Cycle	Dr. Ibrahim Abu Selim	Mansoura	75	Mansoura
14-Jun-03	3	Training	SHs	Milk Processing	Sakha Dairy Training unit Staff	Mansoura	8	Mansoura
14-Jun-03	6	Training	SHs	Vet First Aid	Sakha Dairy Training Unit	Sakha/ Kafr El-Sheikh	22	Minya
16-Jun-03	1	Seminar	SHs	Feeding (Calves, Dry Cows, Milking cows)	Dr. Hugo Varela Alvarez	Alexandria	37	Alex .
16-Jun-03	1	Farm Excursion	SHs	Corn Silage	MR. Mohamed El Shenawy(ARCID) Dr. Essam Shahatah (El Mabarah Association)	Alexandria	5	Alex.
30-Jun-03	1	Seminar	SHs	Silage Making	Dr. Mohamed Abdel-Satar	Minya	73	Minya
NUMBER OF SMALLHOLDER PARTICIPANTS							700	
NUMBER OF LEA Training Days							293	
TOTAL NUMBER OF PARTICIPANTS (Training Days per participant)							993	

Activities for Smallholders Conducted by Livestock Extension Agents (LEAs)								
Date	Event	Topic	Facilitator	Location	Office	# Participants (Clients)	# Participants (Non-Clients)	Total # Participants
05-Apr	Training	Green Forage (Silage from Berseem)	Mr. Hamdy Mohamed Genaidy/LEA	Borg El-Nour Village/ Mansoura	Mansoura	7	0	7
05-Apr	Training	Animal Nutrition (Ration formulation for beef cattle)	Ms. Fatma Mohamed Hassanein/LEA	Samalout Village/ Minya	Minya	10	4	14
07-Apr	Training	Milk Processing (Making Yoghurt)	Ms. Fadya El-Saaid Abdel-Hady /LEA	El-Salam Village/ Alexandria	Alexandria	3	12	15
07-Apr	Training	Milk Processing (Making Yoghurt)	Ms. Nagawat Mohamed Alrefay /LEA	El-Salam Village/ Alexandria	Alexandria	10	13	23
08-Apr	Training	Nutrition (Silage)	Mr. Nagi Mostafa Sabaroti/LEA	El Manshia El Bahria Village/ Alexandria	Alexandria	10	0	10
08-Apr	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Mesheal Basanti Nashed/LEA	Orabi Village/ Alexandria	Alexandria	1	0	1
08-Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Walid Mohamed Youssry/LEA	Orabi Village/ Alexandria	Alexandria	7	2	9
08-Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Mohamed Ahmed Ibrahim Mosalem/LEA	Orabi Village/ Alexandria	Alexandria	3	1	4

Activities for Smallholders Conducted by Livestock Extension Agents (LEAs)								
Date	Event	Topic	Facilitator	Location	Office	# Participants (Clients)	# Participants (Non-Clients)	Total # Participants
Apr-03	Training	Green Forage (Silage from Berseem)	Mr. Hamdy Mohamed Genaidy/LEA	Borg El-Nour Village/ Mansoura	Mansoura	7	0	7
Apr-03	Training	Animal Nutrition (Ration formulation for beef cattle)	Ms. Fatma Mohamed Hassanein/LEA	Samalout Village/ Minya	Minya	10	4	14
Apr-03	Training	Milk Processing (Making Yoghurt)	Ms. Fadya El-Saaid Abdel-Hady/LEA	El-Salam Village/ Alexandria	Alexandria	3	12	15
Apr-03	Training	Milk Processing (Making Yoghurt)	Ms. Nagawat Mohamed Alrefay /LEA	El-Salam Village/ Alexandria	Alexandria	10	13	23
Apr-03	Training	Nutrition (Silage)	Mr. Nagi Mostafa Sabaroti/LEA	El Manshia El Bahria Village/ Alexandria	Alexandria	10	0	10
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Mesheal Basanti Nashed/LEA	Orabi Village/ Alexandria	Alexandria	1	0	1
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Walid Mohamed Youssry/LEA	Orabi Village/ Alexandria	Alexandria	7	2	9
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Mohamed Ahmed Ibrahim Mosalem/LEA	Orabi Village/ Alexandria	Alexandria	3	1	4
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Mesheal Basanti Nashed/LEA	Orabi Village/ Alexandria	Alexandria	1	1	2

Activities for Smallholders Conducted by Livestock Extension Agents (LEAs)								
Date	Event	Topic	Facilitator	Location	Office	# Participants (Clients)	# Participants (Non-Clients)	Total # Participants
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Mohamed El-Sayed Ibrahim/LEA	Orabi Village/ Alexandria	Alexandria	1	1	2
Apr-03	Training	Milk Processing (Making Yoghurt and Karish Cheese)	Mr. Kamar Diaa El-Deen Mohamed/LEA	Tiba 1 Village/ Alexandria	Alexandria	2	2	4
Apr-03	Training	Milk Processing (Making Yoghurt and Karish Cheese)	Mr. Ali Mohamed Kamal El-Deen Hussein/LEA	Tiba 1 Village/ Alexandria	Alexandria	3	2	5
Apr-03	Training	Milk Processing (Making Yoghurt and Karish Cheese)	Mr. Essam Hassan Soliman/LEA	Tiba 1 Village/ Alexandria	Alexandria	4	1	5
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Mohamed El-Sayed Ibrahim/LEA	Orabi Village/ Alexandria	Alexandria	8	0	8
Apr-03	Training	Calves Raising Program	Mr. Abdel Hamid Abdel Latif Zahr/LEA	Borg El-Nour Village/ Mansoura	Mansoura	9	7	16
Apr-03	Training	Green Forage (Silage from Berseem)	Mr. Mahmoud Ali EL-Ashmawy/LEA	Shenfas Village/ Mansoura	Mansoura	6	0	6
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Mahmoud Mohamed Ibrahim/LEA	Waked (El-Hawis) Village/ Alexandria	Alexandria	3	2	5

Activities for Smallholders Conducted by Livestock Extension Agents (LEAs)								
Date	Event	Topic	Facilitator	Location	Office	# Participants (Clients)	# Participants (Non-Clients)	Total # Participants
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Sohair Ahmed Helmy/LEA	Waked (El-Hawis) Village/ Alexandria	Alexandria	10	3	13
Apr-03	Training	Milking procedures	Ms. Nahed Noaman Ahmed , Zakia Ali Abdel Aziz , Laila Ibrahim Mahmoud/LEA	Nawasa El-Gheit Village/ Mansoura	Mansoura	2	6	8
Apr-03	Training	Milking procedures	Ms. Laila Ibrahim Mahmoud/LEA	Nawasa El-Gheit Village/ Mansoura	Mansoura	2	7	9
Apr-03	Training	Nutrition (Silage)	Mr. Mr. Malak Ragheb/LEA	Hood 12 Village/ Alexandria	Alexandria	10	1	11
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Ramadan Abdel-Fattah Ramadan/LEA	El-Eza Village/ Alexandria	Alexandria	5	3	8
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Ibrahim Abdel-Salam El-Hefni/LEA	El-Eza Village/ Alexandria	Alexandria	5	3	8
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Gamal Mahmoud Mohamed Mahmoud/LEA	El-Eza Village/ Alexandria	Alexandria	2	4	6
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Kamar Diaa El-Deen Mohamed/LEA	Tiba 1 Village/ Alexandria	Alexandria	2	5	7

Activities for Smallholders Conducted by Livestock Extension Agents (LEAs)								
Date	Event	Topic	Facilitator	Location	Office	# Participants (Clients)	# Participants (Non-Clients)	Total # Participants
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Ali Mohamed Kamal El-Deen Hussein/LEA	Tiba 1 Village/ Alexandria	Alexandria	8	4	12
Apr-03	Video Presentation	Animal Nutrition (Making Corn Silage)/ Producing Clean Milk	Mr. Essam Hassan Soliman/LEA	Tiba 1 Village/ Alexandria	Alexandria	3	4	7
Apr-03	Training	Green Forage (Silage from Berseem)	Mr. Mohamed Hamza El-Gohary/LEA	Nawasa El-Gheit Village/ Mansoura	Mansoura	5	0	5
Apr-03	Training	Health (Hoof Trimming)	Mr. Mahmoud Ahmed Marawan/LEA	El Manshia El Bahria Village/ Alexandria	Alexandria	8	0	8
May-03	Training	Nutrition (Ration Formulation in Summer)	Ms. Fayza Hussein Ali Goma'a/LEA	Klosna Village/ Minya	Minya	10	5	15
May-03	Training	Nutrition (Ration Formulation)	Mr. Mr. Ahmed Abo Khashaba/LEA	El Prince Village/ Alexandria	Alexandria	25	0	25
May-03	Video Presentation	Animal Nutrition (Balanced Ration)	Mr. Ramadan Abdel-Fattah Ramadan/LEA	El-Eza Village/ Alexandria	Alexandria	7	3	10
May-03	Video Presentation	Animal Nutrition (Balanced Ration)	Mr. Gamal Mahmoud Mohamed Mahmoud/LEA	El-Eza Village/ Alexandria	Alexandria	5	3	8
May-03	Video Presentation	Animal Nutrition (Balanced Ration)	Mr. Ibrahim Abdel-Salam El-Hefni/LEA	El-Eza Village/ Alexandria	Alexandria	7	3	10

Activities for Smallholders Conducted by Livestock Extension Agents (LEAs)								
Date	Event	Topic	Facilitator	Location	Office	# Participants (Clients)	# Participants (Non-Clients)	Total # Participants
May-03	Training	Nutrition (Silage)	Mr. Mr. Malak Ragheb/LEA	Hood 12 Village/ Alexandria	Alexandria	7	4	11
May-03	Farm Excursion	Right Procedures for Livestock (Nutrition, Housing and General Health)	Mr. Gamal Mahmoud Mohamed Mahmoud/LEA	El-Eza Village/ Alexandria	Alexandria	3	0	3
May-03	Farm Excursion	Right Procedures for Livestock (Nutrition, Housing and General Health)	Mr. Ramadan Abdel-Fattah Ramadan/LEA	El-Eza Village/ Alexandria	Alexandria	2	0	2
May-03	Farm Excursion	Right Procedures for Livestock (Nutrition, Housing and General Health)	Mr. Ibrahim Abdel-Salam El-Hefni/LEA	El-Eza Village/ Alexandria	Alexandria	3	0	3
May-03	Farm Excursion	Right Procedures for Livestock (Nutrition, Housing and General Health)	Mr. Sohair Ahmed Helmy/LEA	Waked (El-Hawis) Village/ Alexandria	Alexandria	6	0	6
May-03	Farm Excursion	Right Procedures for Livestock (Nutrition, Housing and General Health)	Mr. Mahmoud Mohamed Ibrahim/LEA	Waked (El-Hawis) Village/ Alexandria	Alexandria	3	0	3
May-03	Farm Excursion	Right Procedures for Livestock (Nutrition, Housing and General Health)	Mr. Ali Mohamed Kamal El-Deen Hussein/LEA	Tiba 1 Village/ Alexandria	Alexandria	6	0	6

Activities for Smallholders Conducted by Livestock Extension Agents (LEAs)								
Date	Event	Topic	Facilitator	Location	Office	# Participants (Clients)	# Participants (Non-Clients)	Total # Participants
May-03	Farm Excursion	Right Procedures for Livestock (Nutrition, Housing and General Health)	Mr. Essam Hassan Soliman/LEA	Tiba 1 Village/ Alexandria	Alexandria	3	0	3
May-03	Farm Excursion	Right Procedures for Livestock (Nutrition, Housing and General Health)	Mr. Kamar Daa El-Deen Mohamed/LEA	Tiba 1 Village/ Alexandria	Alexandria	2	0	2
May-03	Farm Excursion	Right Procedures for Livestock (Nutrition, Housing and General Health)	Mr. Mohamed El-Sayed Ibrahim/LEA	Orabi Village/ Alexandria	Alexandria	4	0	4
May-03	Farm Excursion	Right Procedures for Livestock (Nutrition, Housing and General Health)	Mr. Mohamed Ahmed Ibrahim Mosalem/LEA	Orabi Village/ Alexandria	Alexandria	1	0	1
May-03	Farm Excursion	Right Procedures for Livestock (Nutrition, Housing and General Health)	Mr. Mesheal Basanti Nashed/LEA	Orabi Village/ Alexandria	Alexandria	1	0	1
May-03	Video Presentation	How to raise a healthy calves	Mr. Mesheal Basanti Nashed/LEA	Orabi Village/ Alexandria	Alexandria	8	3	11
May-03	Video Presentation	How to raise a healthy calves	Mr. Mohamed El-Sayed Ibrahim/LEA	Orabi Village/ Alexandria	Alexandria	5	0	5
May-03	Video Presentation	How to raise a healthy calves	Mr. Mohamed Ahmed Ibrahim Mosalem/LEA	Orabi Village/ Alexandria	Alexandria	2	0	2

Activities for Smallholders Conducted by Livestock Extension Agents (LEAs)								
Date	Event	Topic	Facilitator	Location	Office	# Participants (Clients)	# Participants (Non-Clients)	Total # Participants

May-03	Training	Milk Processing (Making White Cheese)	Ms. Sohair Ahmed Helmy/LEA	Waked (El-Hawis) Village/ Alexandria	Alexandria	9	0	9
Jun-03	Training	Health (Parasites Control)	Ms. Amal Nabil Abdel-Hamid/LEA	Ewesh El Hagar Village/ Mansoura	Mansoura	9	0	9
Jun-03	Training	Health (Parasites Control)	Ms. Laila EL-Sayed Azoz/LEA	Meet Mahmoud Village/ Mansoura	Mansoura	7	0	7
Jun-03	Training	Health (Vet. First Aid)	Mr. Ali Mohamed El-Hefni/LEA	El-Amoudein Village/ Minya	Minya	7	6	13
Jun-03	Training	Health (Parasites Control)	Mr. Mohamed Salem Ashour/LEA	Mohsen Kobra Village/ Alexandria	Alexandria	7	3	10
Jun-03	Training	Health (Summer Diseases)	Mr. Aida Mohamed Mostafa/LEA	Phroun Village/ Alexandria	Alexandria	10	10	20
Jun-03	Training	Health (Summer Diseases)	Mr. Adel Khairy/LEA	El Manshia El Bahria Village/ Alexandria	Alexandria	10	15	25
Jun-03	Training	Health (Mastitis)	Mr. Saad EL-Sayed EL-Sherbeny/LEA	EL-Khearya Village/ Mansoura	Mansoura	6	0	6
Jun-03	Training	Health (Cows Treatments)	Ms. Nawal Sadek Hassanein/LEA	Ewesh El Hagar Village/ Mansoura	Mansoura	6	0	6
Jun-03	Training	Health (Scour)	Mr. Mohamed Mohamed Moussa/LEA	EL-Khearya Village/ Mansoura	Mansoura	8	0	8
Jun-03	Training	Health (Scour)	Mr. Hamdy Ibrahim Ali/LEA	EL-Khearya Village/ Mansoura	Mansoura	8	0	8

Activities for Smallholders Conducted by Livestock Extension Agents (LEAs)								
Date	Event	Topic	Facilitator	Location	Office	# Participants (Clients)	# Participants (Non-Clients)	Total # Participants
Jun-03	Training	Health (Mastitis)	Ms. Afaf Goma'a Ali/LEA	El Prince Village/ Alexandria	Alexandria	6	0	6
Jun-03	Training	Health (Scour)	Ms. Eftekhar EL-Sayed Maaty/LEA	EL-Khearya Village/ Mansoura	Mansoura	6	0	6
Jun-03	Training	Health (Breeding)	Mr. Ibrahim El-Nagdy/ LEA	Meet Mahmoud Village/ Mansoura	Mansoura	8	0	8
Jun-03	Training	Management (Breeding)	Mr. Gamal Abdel-Hady El-Adi/LEA	Meet Mahmoud Village/ Mansoura	Mansoura	9	0	9
Jun-03	Training	Animal Nutrition (Silage Making)	Mr. Talaat Mohamed EL-Kahwagy/LEA	Mahalet Damana Village/ Mansoura	Mansoura	5	0	5
Jun-03	Training	Health (Parasites Control)	Mr. Mohamed El-Adi/LEA	Meet Mahmoud Village/ Mansoura	Mansoura	6	4	10
Jun-03	Training	Nutrition (Ration Formulation in Summer)	Ms. Azza Tawfik/LEA	El Prince Village/ Alexandria	Alexandria	8	4	12
Jun-03	Training	Management (Ventilation)	Mr. Ramadan Aref Zaki/LEA	Mahalet Damana Village/ Mansoura	Mansoura	7	0	7
Jun-03	Training	Health (Summer Diseases)	Mr. Hassan Atia/LEA	El Manshia El Bahria Village/ Alexandria	Alexandria	6	6	12
Jun-03	Training	Feeding (Colostrums , Starter feed and weaning)	Mr. Fa'Allah Saleh Tantawy /LEA	Meet Mahmoud Village/ Mansoura	Mansoura	8	0	8

Activities for Smallholders Conducted by Livestock Extension Agents (LEAs)								
Date	Event	Topic	Facilitator	Location	Office	# Participants (Clients)	# Participants (Non-Clients)	Total # Participants
Jun-03	Training	Feeding (Watering)	Mr. Mazhar Refaat Tawfek/LEA	Mahalet Damana Village/ Mansoura	Mansoura	7	0	7
Jun-03	Training	Health (Scour)	Mr. Ali Ibrahim EL-Ashry/LEA	El-Khearya Village/ Mansoura	Mansoura	10	0	10
Jun-03	Training	Feeding (Green Forage)	Mr. Hosam EL-Deen Abo EL-Maaty EL-Emam/LEA	Mahalet Damana Village/ Mansoura	Mansoura	8	0	8
Jun-03	Training	Management (Clean milking)	Mr. Ismail Abdel-Rahman Ismail/LEA	Ewesh El Hagar Village/ Mansoura	Mansoura	6	0	6
Jun-06	Training	Health (Mastitis)	Mr. Malak Ragheb/LEA	Houd 12 Village/ Alexandria	Alexandria	8	3	11
Total Number of Smallholders Participants						455	160	615

Second Quarter Training Activities Continued...

SMALLHOLDER COMPONENT – Veterinary Campaign Details

inception to date								
Field Office	CLIENTS		NON-CLIENTS		TOTAL PARTICIPANTS			Number of animals treated
	male	female	male	female	male	female	grand total	
Alexandria	745	90	949	198	1,694	288	1,982	3,147
Mansoura	580	94	675	68	1,255	162	1,417	3,670
Minya	439	77	4,128	349	4,567	426	4,993	13,616
TOTAL	1,764	261	5,752	615	7,516	876	8,392	20,443

COMMERCIAL CLIENTS

SHORT-TERM TECHNICAL ASSISTANCE (STTA)					
Date	Assignment	Name	Consultant / Volunteer	# of Recommendations	# of Consultations
May 11 - 26	Dairy Nutrition	Dr. Hugo Varela Alvarez	US Consultant	107	23
June 1 - 17	Dairy Management	Mr. Tom Dabbler	US Consultant	155	24
June 19	Beef Nutrition	Dr. Rashad Osman	Local Consultant	13	2
TOTAL NUMBER OF Clients					49

OTHER INTERVENTIONS					
Date	Event	Topic	Facilitator	Location	# Participants
April 6 - 8	Training	Reproduction problems	Dr. Mohamed El-Garhy	Alexandria	21
May 6	Seminar	Artificial Insemination	Dr. Rashad Osman	Minya	16
May 12	Seminar	Reproductive management in dairy cattle	Dr. Fekry Hussein	Alexandria	52
May 20	Seminar	Beef Nutrition	Dr. Hugo Varela Alvarez	Minya	60
May 24 - 26	Training	Surgery , Mastitis & Metabolic Disorders	Dr. Fraouk Abdel-Waheb , Dr. Mostafa Kasem, Dr. Adel-Karim Abdel-Tawab & Dr. Mohamed El Katsha	Alexandria	17
May 27 - 29	Training	Surgery , Mastitis & Metabolic Disorders	Dr. Fraouk Adel Waheb , Dr. Mostafa Kasem, Dr. Abdel-Karim Abdel-Tawab & Dr. Mohamed El Katsha	Alexandria	19
June 8	Farm Excursion	Raising Healthy Calves	Mr. Tom Dabbler	Mansoura	5
June 11	Farm Excursion	Feeding Beef Animals	Mr. Galal Mousa	Mansoura	4
June 22	Seminar	Livestock summer disease	Dr. Adel Abdel Azim	Alexandria	55
TOTAL NUMBER OF PARTICIPANTS					249

Second Quarter Training Activities Continued...

ASSOCIATION DEVELOPMENT COMPONENT

<i>Date</i>	<i>Event / Association</i>		<i>Topic</i>	<i>Facilitator</i>	<i>Location</i>	<i>Participants</i>
April 2	Seminar	BVDA Association	Internal & External Parasites Control	Dr. Bahget Idrees	Alexandria	60
April 13	Seminar	FMMPDA Association	Malnutrition Diseases Seminar	Dr. Mohamed Hegazy & ADWIA Company	Minya	28
April 30	Seminar	FMMPDA Association	Planting the Corn for Silage making.	Dr. Mohamed Abdel-Satar -	Fayoum	38
May 6	Seminar	FMMPDA & MAWADA Associations	The artificial insemination	Dr. Rashad Osman	Fayoum	13
May 5 - 6	Training	FMMPDA Association	Financial Records	AgLink Staff	Fayoum	12
May 20	Seminar	FMMPDA Association	Beef Animals Nutrition	Dr. Hugo Varela Alvarez	Fayoum	31
May 30	Training	MAWADA Association	Financial Records & Management	AgLink Staff	Minya	11
TOTAL NUMBER OF PARTICIPANTS						193

AgLink STAFF DEVELOPMENT

STAFF DEVELOPMENT					
Date	Event	Topic	Facilitator	Location	Participants
April 13 - 17	Training	Training of Trainers (TOT)	NGO Services Center Staff	Cairo	1
May 18 - 22	Training	TOT			1
June 14 - 19	Training	TOT			1
TOTAL NUMBER OF PARTICIPANTS					3